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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

On September 15, 2005

TOWNSEND and TOWNSEND and CLEW LLP

By: Stephanie J. Whitehurst

PATENT  
Attorney Docket No.: 022101-001800US  
Client Ref. No.: 19052-US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Smith et al.

Application No.: 09/823,649

Filed: March 30, 2001

For: HIGH TEMPERATURE REVERSE  
TRANSCRIPTION USING MUTANT  
DNA POLYMERASES

Customer No.: 41504

Confirmation No.

Examiner: Goldberg, J.

Technology Center/Art Unit: 1634

AMENDMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Office Action mailed April 15, 2005, please enter the following amendments and remarks:

**Amendments to the Claims** are reflected in the listing of claims which begins on page 2 of this paper.

**Remarks/Arguments** begin on page 8 of this paper.